...TENT COOPERATION TREA.Y

From the INTERNATIONAL BUREAU
То:
Assistant Commissioner for Patents United States Patent and Trademark Office Box PCT Washington, D.C.20231 ÉTATS-UNIS D'AMÉRIQUE
in its capacity as elected Office
Applicant's or agent's file reference PF-0509 PCT
Priority date (day/month/year) 05 May 1998 (05.05.98)
Examining Authority on: 1999 (03.12.99) ational Bureau on:
ate or, where Rule 32 applies, within the time limit under

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

Olivia RANAIVOJAONA

Telephone No.: (41-22) 338.83.38

Facsimile No.: (41-22) 740.14.35

02



INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FOR FURTHER see Notification of Transmittal of International Search Report						
PF-0509 PCT	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.					
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)				
PCT/US 99/09935	04/05/1999	05/05/1998				
Applicant						
THOUTE DUADWAGEUTTOALS TO	10					
INCYTE PHARMACEUTICALS, IN	IC. et al.					
This International Search Report has beer according to Article 18. A copy is being tra	n prepared by this International Searching Auth Insmitted to the International Bureau.	ority and is transmitted to the applicant				
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this r	report.				
1. Basis of the report						
 a. With regard to the language, the i language in which it was filed, unle 	nternational search was carried out on the basi ess otherwise indicated under this item.	is of the international application in the				
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of th	e international application furnished to this				
b. With regard to any nucleotide an was carried out on the basis of the	1/or amino acid sequence disclosed in the int	ernational application, the international search				
	nal application in written form.					
X filed together with the inte	mational application in computer readable form					
furnished subsequently to	this Authority in written form.					
· =	this Authority in computer readble form.					
the statement that the sub international application as	sequently furnished written sequence listing do s filed has been furnished.	es not go beyond the disclosure in the				
the statement that the info furnished	rmation recorded in computer readable form is	identical to the written sequence listing has been				
2. X Certain claims were four	nd unsearchable (See Box I).					
3. X Unity of invention is lack	i ng (see Box II).					
4. With regard to the title ,						
X the text is approved as sul	omitted by the applicant.					
	ned by this Authority to read as follows:					
5. With regard to the abstract,						
X the text is approved as sub						
the text has been establish within one month from the	ed, according to Rule 38.2(b), by this Authority date of mailing of this international search repo	r as it appears in Box tll. The applicant may, ort, submit comments to this Authority.				
6. The figure of the drawings to be published.						
as suggested by the applic	ant.	None of the figures.				
because the applicant faile	d to suggest a figure.					
because this figure better o	characterizes the invention.					

Box I Observations where certain claims were fo	ound unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in	respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: because they relate to subject matter not required to Remark: Although claims 19 and are directed to a methology, the search has be effects of the compound	20 od of treatment of the human/animal een carried out and based on the alleged
an extent that no meaningful International Search ca	
See FURTHER INFORMATION Sheet	PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not dra	fted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is la	cking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventio	ns in this international application, as follows:
As all required additional search fees were timely passearchable claims.	aid by the applicant, this International Search Report covers all
2. As all searchable claims could be searched without of any additional fee.	effort justifying an additional fee, this Authority did not invite payment
3. As only some of the required additional search fees covers only those claims for which fees were paid, s	were timely paid by the applicant, this International Search Report pecifically claims Nos.:
4. X No required additional search fees were timely paid restricted to the invention first mentioned in the claim See additional sheet, Invention	
	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

The subject-matter of claims 17 and 18 and of claim 20 in so far as it relates to antagonists is insufficiently characterized. A meaningful and complete search could therefore not be performed for said claims.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

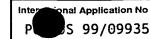
FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 1-20 partially

A substantially purified polypeptide according to SEQ ID NO 1 or a polypeptide with at least 90% identity or a fragment thereof. Methods for producing said polypeptide. Antibodies, antagonists and agonists of the said polypeptide. Methods of treatment using said polypeptides or antagonists. An isolated polynucleotide encoding said polypeptide or an isolated polynucleotide with 70% identity to such a polynucleotide or a polynucleotide according to SEQ ID NO 66 and fragments of said polynucleotides. Methods for detecting said polynucleotides. Expression vectors comprising said polynucleotides and host cells comprising said expression vectors.

Inventions 2 to 65, claims: 1-20 partially

idem for SEQ ID NO 2-65 and the corresponding nucleotide sequences from SEQ ID NO 67-130.



A. CLASSIFICATION OF SUBJECT MATTER IPC 6 C12N15/12 C071 CO7K14/47 C07K16/18 C12Q1/68 A61K38/17 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C07K IPC 6 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category ° HILLIER ET AL.: "WashU-NCI human EST 3 - 13X Project" EMBL ACCESION NO AA190560, 21 January 1997 (1997-01-21), XP002114035 the whole document US 5 739 010 A (SHAH PURVI Α ET AL) 1-20 14 April 1998 (1998-04-14) column 30, line 24 -column 32, line 45 column 1, line 28 -column 2, line 23 FREIMAN ET AL: "Viral mimicry: common 1-20 mode of association with HCF by VP16 and the cellular protein LZIP" GENES AND DEVELOPMENT. vol. 11, December 1997 (1997-12), pages 3122-3127, XP002114036 figures 1,4 Further documents are listed in the continuation of box C. İΧ Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 1 7, 12, 99 3 September 1999 Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, van Klompenburg, W Fax: (+31-70) 340-3016

2

Information on patent family members

US 99/09935

		*			US	99/09935
Pa cited	tent document in search report		Publication date	Patent family member(s)		Publication date
US	5739010	Α	14-04-1998	NONE		
		-				
						•
				•		



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27	JUL	2000
		PCT
		27 JUL

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PF-0509 PCT		Notification of Transmittal of International iminary Examination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/month/)	year) Priority date (day/month/year)
PCT/US99/09935	05 MAY 1999	05 MAY 1998
International Patent Classification (IPC) of Please See Supplemental Sheet.	or national classification and IPC	
Applicant INCYTE PHARMACEUTICALS, INC		
Examining Authority and is	transmitted to the applicant accord	prepared by this International Preliminary ling to Article 36.
2. This REPORT consists of a	total of sheets.	
been amended and are th	panied by ANNEXES, i.e., sheets of t e basis for this report and/or sheets or tion 607 of the Administrative Instru	the description, claims and/or drawings which have ontaining rectifications made before this Authority. ctions under the PCT).
These annexes consist of a to	tal of sheets.	
3. This report contains indication	s relating to the following items:	
I X Basis of the repor	nt	
II Priority		
III X Non-establishmen	t of report with regard to novelty,	inventive step or industrial applicability
IV Lack of unity of	invention	
V X Reasoned statemen citations and explan	t under Article 35(2) with regard to nations supporting such statement	novelty, inventive step or industrial applicability;
VI Certain documents	cited	
VII Certain defects in the	ne international application	
VIII X Certain observations	s on the international application	
Day of the control		
Date of submission of the demand	Date of con	ppletion of this report
03 DECEMBER 1999	06 JULY	Y 2000
Name and mailing address of the IPEA/U		officer
Commissioner of Patents and Tradema Box PCT Washington, D.C. 20231		T A. ZEMAN PULLAG LAUSERCE JOI No. (703) 308-0196
Facsimile No. (703) 305-3230	Telephone N	10. (703) 368-0196

Form PCT/IPEA/409 (cover sheet) (July 1998)*

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

national	application	No	,

PCT/US99/09935

L.	Basis o	f the report		
1. W	√ith regar	d to the elements of the internal	ional application:*	
[:	X the i	international application as	originally filed	
Ē	the	description:		
Ľ	ت page	es <u>1-86</u>		, as originally filed
		s NONE		, filed with the demand
	page	NONE NONE	, filed with the letter of _	
r		claims:		
L	<u> </u>	es 87 AND 88		
		,,,	, as amended (together with	, as originally filed
		s NONE		, filed with the demand
			, filed with the letter of	, med with the tentant
	_			
[2		drawings:		
_		s NONE		, as originally filed
		NONE		, filed with the demand
	page	s NONE	, filed with the letter of	
Г	7] the s	equence listing part of the de	intian.	
13	Dage Junes	4 4 4 4 4	escription.	on originally filed
	page	s NONE	, filed with the letter of	, med with the demand
	the la	anguage of publication of the	nished for the purposes of international se ne international application (under Rule 48 shed for the purposes of international prelimina	3.3(b)).
P	Vith rega relimina	ard to any nucleotide and/or	amino acid sequence disclosed in the internout on the basis of the sequence listing:	national application, the international
<u>X</u>	Conta	ined in the international ap	plication in printed form.	
	filed	together with the internation	nal application in computer readable form	ı .
] furni:	shed subsequently to this A	uthority in written form.	
	furni	shed subsequently to this A	uthority in computer readable form.	
	The s	tatement that the subsequent ational application as filed h	ly furnished written sequence listing does no as been furnished.	ot go beyond the disclosure in the
	The s	tatement that the information a furnished.	ecorded in computer readable form is identical	l to the writen sequence listing has
4. X	The a	amendments have resulted i	n the cancellation of:	
	X	the description, pages	NONE	
	X	the claims, Nos.	NONE	
	x	the drawings, sheets/fig_	NONE	
5. X		report has been drawn as if (so	me of) the amendments had not been made, sin	ace they have been considered to go
in	placemer	nt sheets which have been furnis ort as "originally filed" and a	dicated in the Supplemental Box (Rule 70.2(c)) hed to the receiving Office in response to an inviore not annexed to this report since they do no	tation under Article 14 are referred to
**/	ny replac	cement sheet containing such	amendments must be referred to under item 1	and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT



IIL N	on-establishment of opinion with regard to novelty, inventive step and industrial applicability
	questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be strially applicable have not been and will not be examined in respect of:
	the entire international application.
X	claims Nos. <u>17, 18 AND 20</u>
	because:
	the said international application, or the said claim Nos. relate to the following subject matter which does not require international preliminary examination (specify).
	the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify).
	the claims, or said claims Nos are so inadequately supported by the description that no meaningful opinion could be formed.
X	no international search report has been established for said claims Nos. 17, 18 AND 20.
	aningful international preliminary examination cannot be carried out due to the failure of the nucleotide and/or amino acid noe listing to comply with the standard provided for in Annex C of the Administrative Instructions: the written form has not been furnished or does not comply with the standard. the computer readable form has not been furnished or does not comply with the standard.



PCT/US99/09935

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. statement					
Novelty (N)	Claims	1, 2, 15 AND 19	YES		
1.6.10.19 (1.1)	Claims	3-14 and 16	_ NO		
			_ 110		
Inventive Step (IS)	Claims	1, 2, 15 AND 19	_ YES		
	Claims	3-14 and 16	_ NO		
Industrial Applicability (IA)	Claims	1-16 AND 19	_ YES		
	Claims	NONE	_ NO		
to said translation products are deemed obviou	s since they a PCT Article 33 treatment com	cleotide translation in host cells via vectors and raising antile standard procedures employed by laboratories. (2)-(4), because the prior art does not teach or fairly suggenposition.			



VIII. Certain observations on the international application The following observations on the claims of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made: Claim 19 did not teach what, if any beneficial effects would be realized by the administrating the claimed pharmaceutical composition. Moreover, one is unable to discern what constitutes a "subject in need". Claim 19 is objected to as lacking clarity under PCT Rule 66.2(a)(v) because practice of the claimed invention is not enabled as required under PCT Rule 5.1(a) for the reasons set forth in the immediately preceding paragraph. Applicant filed a response to Written Opinion (form PCT/IPEA/408) on 09 May 2000. Applicant respectfully traversed the Examiner's objections but did not list any possible errors.



Supp	lemental	Box
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(To be used when the space in any of the preceding boxes is not sufficient)

Continuation of: Boxes I - VIII

Sheet 10

CLASSIFICATION:

The International Patent Classification (IPC) and/or the National classification are as listed below: IPC(7): C12N 15/12; C07K 14/47, 16/18; C12Q 1/68; A61K 38/17 and US Cl.: 530/388.1, 350; 435/69.3

I. BASIS OF REPORT:

5. (Some) amendments are considered to go beyond the disclosure as filed: NONE

From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To: LUCY J. BILLINGS INCYTE PHARMACEUTICALS, INC. 3174 PORTER DRIVE PALO ALTO, CA 94304 PCT 27 JUL 2000

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of Mailing (day/month/year)

24 JUL 2000

IMPORTANT NOTIFICATION

Applicant's or agent's file reference

PF-0509 PCT

International filing date (day/month/year)

Priority Date (day/month/year)

PCT/US99/09935

International application No.

05 MAY 1999

05 MAY 1998

Applicant

INCYTE PHARMACEUTICALS, INC.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US

Commissioner of Patents and Trademarks

Box PCT Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

ROBERT A ZEMAN JULIEREZ JOE Douther Jaurence Joe

Telephone No. (703) 308-0196

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WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶:
 C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, A61K 38/17

A3

(11) International Publication Number:

WO 99/57144

(43) International Publication Date:

11 November 1999 (11.11.99)

(21) International Application Number:

PCT/US99/09935

(22) International Filing Date:

4 May 1999 (04.05.99)

(30) Priority Data:

60/084,254 5 May 1998 (05.05.98) US 60/095,827 7 August 1998 (07.08.98) US 60/102,745 2 October 1998 (02.10.98) US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications

US 60/084,254 (CIP)
Filed on 5 May 1998 (05.05.98)
US 60/095,827 (CIP)
Filed on 7 August 1998 (07.08.98)
US 60/102,745 (CIP)
Filed on 2 October 1998 (02.10.98)

(71) Applicant (for all designated States except US): INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). BANDMAN, Olga [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). REDDY, Roopa [IN/US]; 1233 W. McKinley Drive, Sunnyvale, CA 94086 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). GERSTIN, Edward, H. [US/US]; 1408 38th Avenue, San Francisco, CA 94122 (US). PATTERSON_Chandra [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, ÇA 94577 (US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs Drive, Hayward, CA 94547 (US). LU, Dyung, Aina, M. [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US).

- (74) Agents: BILLINGS, Lucy, J. et al.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).
- (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(88) Date of publication of the international search report:
6 April 2000 (06.04.00)

(54) Title: HUMAN TRANSCRIPTIONAL REGULATOR MOLECULES

(57) Abstract

The invention provides human transcriptional regulator molecules (HTRM) and polynucleotides which identify and encode HTRM. The invention also provides expression vectors, host cells, antibodies, agonists and antagonists. The invention also provides methods for diagnosing, treating or preventing disorders associated with expression of HTRM.

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DE	Germany	Li	Liechtenstein	SD	Sudan		
DK	Denmark	LK	Sri Lanka	SE	Sweden		
EE	Estonia	LR	Liberia	SG	Singapore		



ation-' Application No./US 99/09935

A. CLASS IPC 6	ification of subject matter C12N15/12 C07K14/47 C07K16,	/18 C12Q1/68	A61K38/17			
According t	o international Patent Classification (IPC) or to both national classifi	cation and IPC				
B. FIELDS	SEARCHED					
Minimum de IPC 6	ocumentation searched (classification system followed by classifica C97K	tion symbols)				
	tion searched other than minimum documentation to the extent that					
	tata base consulted during the international search (name of data b	ase and, where practical, search ter	ms used)			
			<u> </u>			
Category °	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.			
х	HILLIER ET AL.: "WashU-NCI huma Project" EMBL ACCESION NO AA190560, 21 January 1997 (1997-01-21), XF the whole document	3-13				
А	US 5 739 010 A (SHAH PURVI ET A 14 April 1998 (1998-04-14) column 30, line 24 -column 32, l column 1, line 28 -column 2, lin	1-20				
Α	FREIMAN ET AL: "Viral mimicry: mode of association with HCF by the cellular protein LZIP" GENES AND DEVELOPMENT, vol. 11, December 1997 (1997-12) 3122-3127, XP002114036 figures 1,4	1-20				
Furth	ner documents are listed in the continuation of box C.	X Patent family members ar	e listed in annex.			
	tegories of cited documents :	T later document published after or priority date and not in conf	lict with the application but			
considered to be of particular relevance cited to understand the principle or theory underlying the						
E earlier document but published on or after the international filing date *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to						
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the						
O document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such document other means ments, such combination being obvious to a person skilled in the art. attention of the same patent family						
Date of the actual completion of the international search Date of mailing of the international search report						
3 September 1999 1 7. 12. 99						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 Authorized officer						
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	van Klompenburg, W				

Int .tional application No.

PCT/US 99/09935

Box I	Observations where certain claims were found unsearchable (Continuation of Item 1 of IIrst sheet)
This Inte	emational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Remark: Although claims 19 and 20 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. X	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: See FURTHER INFORMATION Sheet PCT/ISA/210
з. 🔲	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This into	emational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. X	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: See additional sheet, Invention 1.
Remark	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

The subject-matter of claims 17 and 18 and of claim 20 in so far as it relates to antagonists is insufficiently characterized. A meaningful and complete search could therefore not be performed for said claims.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

1. Claims: 1-20 partially

A substantially purified polypeptide according to SEQ ID NO 1 or a polypeptide with at least 90% identity or a fragment thereof. Methods for producing said polypeptide. Antibodies, antagonists and agonists of the said polypeptide. Methods of treatment using said polypeptides or antagonists. An isolated polynucleotide encoding said polypeptide or an isolated polynucleotide with 70% identity to such a polynucleotide or a polynucleotide according to SEQ ID NO 66 and fragments of said polynucleotides. Methods for detecting said polynucleotides. Expression vectors comprising said polynucleotides and host cells comprising said expression vectors.

Inventions 2 to 65, claims: 1-20 partially

idem for SEQ ID NO 2-65 and the corresponding nucleotide sequences from SEQ ID NO 67-130.

nf. on patent family members

/US 99/09935

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5739010 /	14-04-1998	NONE	

Form PCT/ISA/210 (patent family annex) (July 1992)